

## IN THE UNITED STATES PATENT &amp; TRADEMARK OFFICE

Appln. Ser. No.:	Filed:	Inventor(s):	Atty Dkt:
09/677,502	10/02/2000	Y. Hashibe	114GI-134 (0694-134)
Title: FIRE PROTECTION GLASS PANEL WITH A HEAT SHIELDING CHARACTERISTIC			
Examiner: R.A. Sergent		Art Unit: 1711	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**OFFICIAL****RESPONSE AND AMENDMENTS  
AND PETITION FOR EXTENSION OF TIME**

Dear Sir:

In complete response to the Office Action mailed 21 March 2003, the period for response being extended three months to 21 September 2003 by the Petition at the end of this paper, please first amend the application as follows, the amendments being shown in marked-up form in the appendix at the end of this paper.

**IN THE CLAIMS:**

1. (Twice amended.) A fire-protection glass product having a heat shielding characteristic, comprising:
  - a plurality of fireproof glass plates;
  - a resin intermediate layer interposed between adjacent ones of said glass plates; and
  - a heat-ray reflection film formed on the surface of at least one of said glass plates, said heat-ray reflection film being made of indium oxide containing tin and having a reflectance of 50% or more, 70% or more, and 80% or more, for light having a wavelength of 1500nm, 2500nm, and 3000nm, respectively, and an average transmittance of

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